

**AMENDMENTS TO THE SPECIFICATION**

Page 1, before line 1, please insert "TITLE OF THE INVENTION"

In the title, please delete the title in its entirety and substitute therefore "LOGIC EVENT SIMULATION USING CONTENT ADDRESSABLE MEMORY"

Page 1, line 3, please delete "Introduction" and insert:

"BACKGROUND OF THE INVENTION

Field of the Invention"

Page 4, line 13, please delete "Statements of the Invention" and insert "SUMMARY OF THE INVENTION"

Page 8, line 12, please delete "Detailed Description of the Invention" and insert "BRIEF DESCRIPTION OF THE DRAWINGS"

Page 9, before line 8, please insert "DETAILED DESCRIPTION OF THE INVENTION"